

DESIGN.

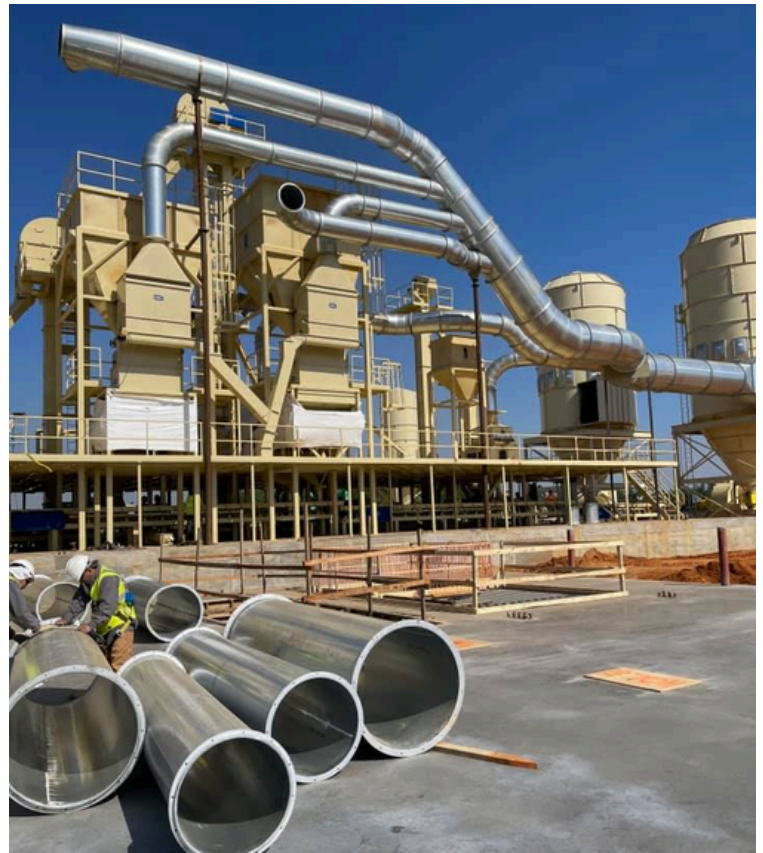
MANUFACTURE.

INSTALL.



OUR SERVICES INCLUDE:

- 30,000 Sq. Ft. Computer-Oriented CNC Fabrication Shop Utilizing AutoCAD & Other 3D Rendering Software for Accurate Manufacturing of both One-Run & Production Run Parts & Components
- Laser Cutting Table Utilizing 6KW Fiber Laser
- Pneumatic Conveying & Dust Control Systems
- Dust Collection, Drying & Conveying Systems for Cotton, Grain, & Peanut Industries
- Scrap, Trim, & Waste Removal Systems for Corrugated, Printing & Recycling Industries
- Dust Collection & Conveying Systems for Furniture Industries & All Wood Related Industries
- Bolted Cyclones
- Air Locks



CONTACT US TODAY

800-372-8437

63 Estee Way
Loretto, TN 38469



DESIGN.
MANUFACTURE.
INSTALL.



OUR SERVICES INCLUDE:

- Heavy Duty Welded Cyclones
- Bag Houses
- Turnkey Gin Plant Layout & Design
- Laser Job Shop with Forming & Welding Capabilities
- Separators
- Replacement Parts for All Major Fan Companies
- Vacuums
- Replacement Parts for Major Gin Equipment Lines
- Blowpipe & Sheet Metal Fabrication
- Structural Steel
- Stainless / Aluminum / Mild Steel Fabrication
- Rotary Downflow Dryers
- Horizontal Cleaner, Incline, Stick Machines
- Lint Reclaim System
- Air System Design & Engineering
- 24 Hour Service

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HORIZONTAL CLEANER

The Horizontal Cylinder Cleaner excels in today's gin industry with superior design and features that handle current and future challenges associated with today's cotton varieties. With proper drying and cleaning system design, the Horizontal Cleaner improves single-locking and trash removal, minimizing lint cleaner stages while improving turnout and grade and lowering fuel input costs.



- CNC Laser Cut & Formed
- Three Cylinder Multiples
- 1.5 Service Factor on Timing Belts
- Closed Face Spike Cylinders with Bolt-In Spikes, Bolt-On Skins, Solid 1045 thru Shafts & Set Screw Heads Dynamically Balanced to 1 mil or less at Operating RPM to Assure Smooth Operation
- Round Bar, Rectangular Bar, or Square Bar Racks with Vertical Adjustment to Set Spike to Grid Clearances
- 8 Rows of Spikes Standard for Aggressive Cleaning Action
- Pull Through or True Gravity System Design
- Unmatched Drying, Leaf & Pin Trash Removal when Combined with Vertical Flow Dryer and Rectangular Ductwork Systems
- System Design Reduces Burner Heat Input & Maximizes Ginning Rates with Performance Unmatched in Today's Ginning Industry
- Available in 8', 10', and 12' Widths with Replacement Parts Normally in Stock

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COTTON VACUUM / TRASH VACUUM

- CNC Laser Cut & Formed
- Cotton Vacuums Available in 54", 72", 96", 120", and 144" Widths
- 24" and 36" Rotors
- Solid 1045 Thru Shafts with 10 Bucket Rotors
- Bolt-In Buckets with Adjustable Molded Edge Flashing on Cotton Vacuums
- Adjustable Jackshaft with Carrier Bearings on Wider Models
- Trash Vacuums Available in 12", 16", 24", or 36" Widths
- 12", 24" and 36" Diameter Welded Rotors with Adjustable Molded Edge Flashing
- Jackshaft and Nonjackshaft Models
- 4-Bolt Flange Bearings with Set Screw Position Blocks



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JSI INDUSTRIAL FANS

- Wide Base (All Welded)
- Heavy Duty Bearings with Positioning Blocks
- Side Mount, Floor Mount, or Top Mount Capability
- 1045 Turned, Ground, and Polished Shafting
- Bolt-On Shaft Side Plate Assembly (Replaceable)
- All Welded Housing (Rotatable and Replaceable)
- Bolt-On Inlet Plate with Bolt-On Anchor Plate (Replaceable)
- Wide Selection of Special Housing and Blast Wheel Materials
- Shaft Guard
- Inlet and Outlet Flanges with Bolt Holes
- Construction Drawings with Anchor Layout, Inlet and Outlet Flange Layouts, and Performance Charts



Options:

- Wear Resistance Blade and Housing Material
- Bolt-On Top Motor Assembly with Guard and Adjustable Motor Mount Plate
- Side Motor Mount Assembly with Guard and Predrilled Holes for Adjustable Motor Base (Adjustable Base by Customer)
- Drive Guard Assembly for Floor Mount or Special Drive Applications
- Inlet and Outlet Transitions to Size
- Factory Installed Drive Assemblies Including Motor, Drives, and Guards

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CENTRIFUGAL SEPARATOR

The JSI Centrifugal Separator offers proprietary design features with proven performance to provide consistent operation day in and day out. Contact our Engineering Department to discuss your specific requirements. We have diverse experience in air system design, including drying, dust control, and general air conveying.

- CNC Laser Cut & Formed
- Centrifugal Separation
- Stationary Perforated Bolt-In Screen with Hole Size and Open Area Classification to Materials Being Handled
- 4-Flite Rotor Assembly with Adjustable Flashing
- Bolt-In Replacement Scroll Panels
- Gasketed Access Doors
- Site Windows
- 1045 Solid Shaft
- 4-Bolt Flange Bearings with Set Screw Position Blocks
- Replacement Parts Normally in Stock
- Proven Performance in Seed Cotton, Lint Reclaim, and Lint Cleaner Mote
- Available in Widths from 24" to 144"



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